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Mark Billinghurst et al.

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## EAST SEARCH

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Results of search set S91: Document Kind Codes Title	<u>1 S91;</u> Title	Issue Date Current OR	Abstract
US 20060153469 A1	US 20060153469 A1 Image processing based on ambient air attributes	20060713 382/254	
US 20060152434 A1	US 20060152434 A1 Calibrating real and virtual views	20060713 345/8	
US 20060139314 A1	US 20060139314 A1 Interactive video display system	20060629 345/156	
US 20060133642 A1 Image recognition	Image recognition facilitation using remotely sourced content	20060622 382/100	
US 20060132467 A1	US 20060132467 A1 Method and apparatus for calibrating a camera-based whiteboard scanner	20060622 345/178	
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US 20060091215 A1	US 20060091215 A1 Two-dimensional code and information processing method	20060504 235/462.1	
US 20060088187 A1	US 20060088187 A1 Method and apparatus for situation recognition using optical information	20060427 382/103	
US 20060079324 A1	US 20060079324 A1 Image display system, image processing system, and video game system	20060413 463/30	
US 20060073892 A1	US 20060073892 A1 Image display system, information processing system, image processing system, and video g	20060406 463/34	
US 20060071946 A1	US 20060071946 A1 Information processing method and apparatus	20060406 345/633	
US 20060050386 A1	US 20060050386 A1 Catadioptric single camera systems having radial epipolar geometry and methods and means	20060309 359/471	
US 20060036947 A1	US 20060036947 A1 User interface controller method and apparatus for a handheld electronic device	20060216 715/722	

US 20060013441 A1 Image monitoring method, image m	Image monitoring method, image monitoring apparatus and storage media	20060119 382/103
ure-controlled interfaces for se	Gesture-controlled interfaces for self-service machines and other applications	20060119 382/103
e-dimensional image processir ement information estimating m	Three-dimensional image processing apparatus, optical axis adjusting method, and optical ax Placement information estimating method and information processing device	20060112 396/310 20060105 600/414
Marketing platform		
Game Mobile platform		20051229 463/1 20051229 345/633
Automated dimensional inspection		
Vehicular impact reactive system and method	nd method	20051215 701/45
Interactive system and method		20051215 382/103
Automated game monitoring Interactive system and method		
age display apparatus, image dis	Image display apparatus, image display method, measurement apparatus, measurement met	
paratus and methods for the volu	Apparatus and methods for the volumetric and dimensional measurement of livestock	
ormation processing method and	Information processing method and apparatus for finding position and orientation of targeted	20051117 600/407
emous, systems, and computer pr arker placement information estin	memous, systems, and computer program products for imperceptibity embedding structured in Marker placement information estimation method and information processing device	
Selectable projector and imaging modes of display table	nodes of display table	
oparatus and method for detecting	Apparatus and method for detecting a pointer relative to a touch surface	20051110 345/173
arker detection method and appar	Marker detection method and apparatus, and position and orientation estimation method	
Imaging semiconductor structures using solid state illumination	using solid state illumination	
Template matching on interactive surface	urface	
curacy evaluation of video-based	Accuracy evaluation of video-based augmented reality enhanced surgical navigation systems  Sixtam and mathod for excluding extranous foatures from inspection operations parformed	20050929 600/40/
Methods for using wireless phones having optical capabilities	having optical capabilities	
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formation processing apparatus, a	Information processing apparatus, and information processing method	
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Phantom calibration device for low level light imaging systems	level light imaging systems	
System and method for three dimensional modeling	nsional modeling	20050616 345/420
Mobile face capture and image processing system and method	cessing system and method	
Index identification method and apparatus	paratus	
Position and orientation estimating method and apparatus	method and apparatus	
ptical image-based position tracking	Optical image-based position tracking for magnetic resonance imaging applications  Theory dimensional action visits with allow address somet	20050310 600/411
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Autonomous camera having exchangable behaviours	ngable behaviours	20050120 348/231.99
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	System and method for using motion vectors for object tracking	20041223 375/240.16
US 20040247193 A1	Method and apparatus for article inspection	20041209 382/243
US 20040240750 A1	Method and system for producing formatted data related to geometric distortions	
20040239756	Method and apparatus for computing error-bounded position and orientation of panoramic ca	
20040223058	Systems and methods for multi-resolution image processing	
20040220965	Indexed database structures and methods for searching path-enhanced multimedia	
20040218895	Apparatus and method for recording "path-enhanced" multimedia	
US 20040218099 A1	Systems and methods for multi-stream image processing	
20040212630	Method for automatically tracking objects in augmented reality	20041028 345/633
	Modeling and editing image panoramas	
	Optical inspection system, illumination apparatus and method for use in imaging specular obj	20040923 382/145
	System and method for shape reconstruction from optical images	
US 20040184032 A1	Optical inspection system and method for displaying imaged objects in greater than two dime	
	Optical inspection system, apparatus and method for reconstructing three-dimensional image	
	Gesture-controlled interfaces for self-service machines and other applications	
US 20040146037 A1	Venicular exterior identification and monitoring system-agricultural product distribution	
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20040130618	Automated wheel slide detector	
20040126008	Analyte recognition for urinalysis diagnostic system	
US 20040113818 A1	Image display apparatus, image display method, measurement apparatus, measurement met	
US 20040095318 A1	Size/scale and orientation determination of a pointer in a camera-based touch system	
US 20040069934 A1	Passive touch-sensitive optical marker	
US 20040066500 A1	Occupancy detection and measurement system and method	
20040052418	Method and apparatus for probabilistic image analysis	
20040032495	Providing multiple synchronized camera views for broadcast from a live venue activity to remo	20040219 348/157
US 20040032407 A1	Method and system for simulating stereographic vision	20040219 345/419
20040028258	Fiducial detection system	20040212 382/103
US 20040008259 A1	Optical methods for remotely measuring objects	
20040001637	Adaptive generation of Q-table2 for improved image quality	
US 200302311/9 A1	Internet system for virtual telepresence	
20030218588	Method and apparatus for automatically optimizing optical contrast in automated equipment	
US 20030197867 A1	Video Carriera-based Visibility measurement system	
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20030118230	Coiled tubing inspection system using image pattern recognition	
20030095338	System and method for panoramic imaging	
20030095186 A1	Optimizations for live event, real-time, 3D object tracking	
¥	Method and apparatus for processing photographic images	
4	Extendable tracking by line auto-calibration	
US 20030076980 A1	Coded visual markers for tracking and camera calibration in mobile computing systems	20030424 382/103
20030071194	Method and apparatus for scanning three-dimensional objects	20030417 250/208.1
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6914599 B1 Image processing apparatus 20050705 6912293 B1 Photogrammetry engine for model construction Photogrammetry engine for model construction System, method and article of manufacture for tracking a head of a camera-generated image 20050621 690943 B1 Method and apparatus for providing a three-dimensional task gallery computer interface 20050621 Vehicular exterior identification and monitoring system-agricultural product distribution 20050426 6876392 B1 Rangefinder for obtaining information from a three-dimensional object 20050308 20050405	6917033	Passive touch-sensitive optical marker	
6912293 B1 Photogrammetry engine for model construction 6909455 B1 System, method and article of manufacture for tracking a head of a camera-generated image 20050621 6909443 B1 Method and apparatus for providing a three-dimensional task gallery computer interface 20050621 6885968 B2 Vehicular exterior identification and monitoring system-agricultural product distribution 20050405 6876392 B1 Rangefinder for obtaining information from a three-dimensional object 20050308	6914599	Image processing apparatus	
6909455 B1 System, method and article of manufacture for tracking a head of a camera-generated image 20050621 6909443 B1 Method and apparatus for providing a three-dimensional task gallery computer interface 20050621 6885968 B2 Vehicular exterior identification and monitoring system-agricultural product distribution 20050426 6876392 B1 Rangefinder for obtaining information from a three-dimensional object 20050405 20050308	6912293	Photogrammetry engine for model construction	
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6864903 B2 Internet system for virtual telepresence 20050308	6876392 B1	Rangefinder for obtaining information from a three-dimensional object	
	6864903 B2	Internet system for virtual telepresence	

US 6858826 B2	Method and apparatus for scanning three-dimensional objects	20050222 250/208.1	
	Method and apparatus for computer input using six degrees of freedom		
6834250	Position and orientation determining method and apparatus and storage medium		
6834119	Methods and apparatus for matching multiple images		
US 6831643 B2	Method and system for reconstructing 3D interactive walkthroughs of real-world environments	20041214 345/427	
6798406	Stereo images with comfortable perceived depth	20040928 345/419	
6757422	Viewpoint position detection apparatus and method, and stereoscopic image display system		
6754370	Real-time structured light range scanning of moving scenes		
6707444	Projector and camera arrangement with shared optics and optical marker for use with whitebo		
6704447	Method and apparatus for using illumination from a display for computer vision based user int		
9992699	Moving imager camera for track and range capture		
6687402	Machine vision methods and systems for boundary feature comparison of patterns and image		
6669346	Large-audience, positionable imaging and display system for exhibiting panoramic imagery, a		
6639594	View-dependent image synthesis		
6633304	Mixed reality presentation apparatus and control method thereof		
6625299	Augmented reality technology		
6618076	Method and apparatus for calibrating projector-camera system		
6614926	Methods and apparatuses for generating from an image a model of an object	20030902 382/150	
6587783	Method and system for computer assisted localization, site navigation, and data navigation		
6577249	Information display member, position detecting method using the same, apparatus and metho	20030610 340/988	
6563105	Image acquisition with depth enhancement	20030513 250/208.1	
6545706	System, method and article of manufacture for tracking a head of a camera-generated image	20030408 348/169	
US 6542249 B1	Three-dimensional measurement method and apparatus	20030401 356/601	
US 6535114 B1	Method and apparatus for environment recognition	20030318 340/435	
US 6522312 B2	Apparatus for presenting mixed reality shared among operators	20030218 345/8	
US 6421049 B1	Parameter selection for approximate solutions to photogrammetric problems in interactive app	20020716 345/420	
6385331	Hand pointing device	20020507 382/106	
6381366	Machine vision methods and system for boundary point-based comparison of patterns and im	20020430 382/199	
6373520	System and method for visually inspecting a cigarette packaging process	20020416 348/86	
6361438	Video game transparency control system for images	20020326 463/31	
6342917	Image recording apparatus and method using light fields to track position and orientation	20020129 348/207.1	
6333749	Method and apparatus for image assisted modeling of three-dimensional scenes		
6304684	Information processing system and method of using same		
6281904	Multi-source texture reconstruction and fusion		
6272231	Wavelet-based facial motion capture for avatar animation		
6236896	Coordinate system setting method using visual sensor		
6205243	System and method for rapid shape digitizing and adaptive mesh generation		
6181345	Method and apparatus for replacing target zones in a video sequence		
6157747	3-dimensional image rotation method and apparatus for producing image mosaics		
US 6097854 A	Image mosaic construction system and apparatus with patch-based alignment, global block a		
6044181	Focal length estimation method and apparatus for construction of panoramic mosaic images		
6031932	Automatic inspection of printing plates or cylinders		
6018349	Patch-based alignment method and apparatus for construction of image mosaics		
	Texture map construction method and apparatus for displaying panoramic image mosaics		
6005610	Audio-visual object localization and tracking system and method therefor	19991221 348/169	
	Block adjustment method and apparatus for construction of image mosaics		
US 5986668 A	Deghosting method and apparatus for construction of image mosaics	19991116 345/634	

JS 59021 / / A	Apparatus and method for removing ribs	19990511 452/156
JS 5878151 A	Moving object tracking	19990302 382/103
<b>JS 5850352 A</b>	Immersive video, including video hypermosaicing to generate from multiple video views of a s	19981215 345/419
JS 5846318 A	Method and system for controlling growth of a silicon crystal	19981208 117/14
JS 5838882 A	Dynamic position tracking and control of robots	19981117 700/259
JS 5751610 A	On-line robot work-cell calibration	19980512 700/85
5727554 A	Apparatus responsive to movement of a patient during treatment/diagnosis	19980317 600/587
5706419 A	Image capturing and processing apparatus and image capturing and processing method	19980106 345/420
JS 5652804 A	Automatic inspection of printing plates or cylinders	19970729 382/141
5644643 A	Chute for use with an animal evaluation system	19970701 382/110
US 5613013 A	Glass patterns in image alignment and analysis	19970318 382/124
5576949 A	System for animal evaluation through image acquisition	19961119 702/179
<b>US 5487011 A</b>	Garment marker system having computer assisted alignment of variable contrast cloth design	19960123 700/135
JS 5483441 A	System for animal evaluation through image acquisition	19960109 700/90
JS 5446798 A	Method and apparatus for measuring position and orientation of an object based on a sequer	19950829 382/154
<b>US 5432871 A</b>	Systems and methods for interactive image data acquisition and compression	19950711 382/232
5359416 A	System and process for detecting and monitoring surface defects	19941025 356/600
5333111 A	Garment cutting system having computer assisted pattern alignment	19940726 700/135
5302836 A	High speed image acquisition for microelectronics inspection	19940412 250/559.34
US 5101442 A	Three-dimensional imaging technique using sharp gradient of illumination	19920331 382/154
5097516 A	Technique for illuminating a surface with a gradient intensity line of light to achieve enhanced	19920317 382/274
JS 5095204 A	Machine vision inspection system and method for transparent containers	19920310 250/223B
JS 4949391 A	Adaptive image acquisition system	19900814 382/313
JS 4910593 A	System for geological defect detection utilizing composite video-infrared thermography	19900320 348/164
US 4853970 A	Apparatus for processing digitized images	19890801 382/266
KR 2001055957 A	Method for matching images using 3 dimensional tracker and computer vision based on and	20010704